

Synchronous 4K Memory Board (88-S4K)

The 88-S4K Board is totally synchronous—this means that the board relies solely on the CPU for timing signals (no single shots). The S4K provides 4,096 bytes of Random Access Memory. Each board contains memory protect circuitry, and address selection circuitry for any one of 16 starting address locations in increments of 4K.

Hardware

Dimensions: 10" x 5"

Altair Slots: One

Power (worst case):

+5V at 450 milliamps

+12V at 290 milliamps

+12V at 10 milliamps (unselected)

Operation

Runs at maximum speed (no wait states).

No hardwire jumpers.

A DIP switch is used for board select.

The entire 4,096 bytes of memory can be protected by switching to PROTECT.

Access Time: 200-300 ns.

